

SPLIT-2

Work Order ID 119458-2

119458

Page 1

Thursday, May 15, 2014 4:19:04 PM

Item ID: D4088-043

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Shoulder Harness

Start Date: 5/15/14 Start Qty: 4.00 *4*

Cust Item ID:

Required Date: 5/15/14 Req'd Qty: 4.00 *4*

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 14-05-22 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4088	A								

100

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 24306
Manufacture D4088-043 as per Dwg D4088
Supplier: AMSAFE INC.
Certificate of conformity is required

CD 14/05/23 4

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

14/4/20 6

P/O →
VLE 14-4058

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

ensure buckle engages and dis-engages correctly for every unit.

② DAS 9 9-89 DAS 38 9-89 14-9-2



Supplier Non-Conformance Report

Reviewed
DQA:
Date:

Printed on: Tuesday, July 22, 2014

Raised Date 7/22/2014	Status Open	Owner Forbes, Nigel	Number NCR14-4058
Target Date 7/29/2014	Standard		Severity MAJOR
Process Quality Inspection		Audit	
Raised By Person Downing, Eric M	Raised Against (Department or Supplier) Amsafe Inc.		Fault Category Supplier
Details found on qty 2 harness that the reels are making unusual noise when the belts are being pulled out and reeled in. belts were purchased on PO#24306 B119458			
Keywords		Product D412-702\D4088-043	
Document		Root Cause Supplier	
Closed By	Closed Date	Resolution	

Target Date 7/29/2014	Owner Gregoire, Michael	Closed Date	Closed By
Details			

Number	Owner	Target Date	Completed Date
Details		Response	
1	Gregoire, Michael	7/29/2014	
Contact Supplier and obtain corrective action			
2	Downing, Eric M	7/22/2014	
place parts in quarantine till parts are to returned to supplier			

Work Order ID 119458

119458

Page 2

Thursday, May 15, 2014 4:19:04 PM

Item ID: D4088-043 Accept *N900040100* Setup Start *NS1*

Revision ID: Stop *NS2*

Item Name: Shoulder Harness

Start Date: 5/15/14 Start Qty: 4.00 *4* Cust Item ID:

Required Date: 5/15/14 Req'd Qty: 4.00 *4* Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>8T466</u>	0.00							
130									
Packaging	Memo	0.00				2x		14-9-3	DAS 28 9-89
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MLJ 14-09-03

MLJ 14-09-03

Picklist Print

Page 1

Thursday, May 15, 2014 4:19:08 PM

Work Order ID: 119458

119458

Parent Item: D4088-043

D4088-043

Parent Item Name: Shoulder Harness

Start Date: 5/15/14

Required Date: 5/15/14

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A NEW ISSUE DD 10.04.29 VERIFIED:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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3221-1-021-2396

Purchased

No

110

Each

0.0000

1

4

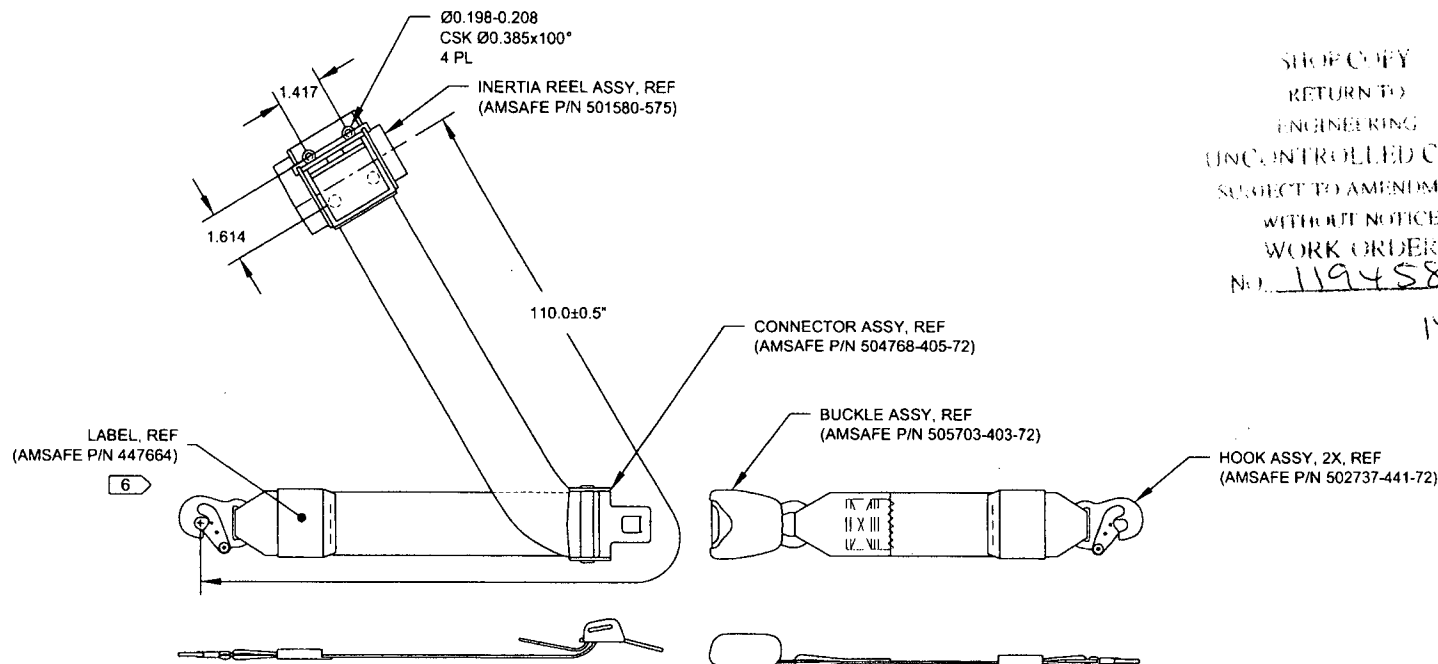
3221-1-021-2396

Shoulder Harness

**

Handwritten signatures and initials:
14/6/20 (4)
14/6/20 (2)

SPECIFICATION CONTROL DRAWING



D4088-043 SHOULDER HARNESS

NOTES:

- 1) PURCHASE: AMSAFE INC. P/N 3221-1-021-2396
3-POINT SHOULDER HARNESS WITH PUSH-BUTTON BUCKLE
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:
PART NO. 3221-1-021-2396
CUST. P/N: D4088-043
RATED: 3000 LBS DATE OF MFG
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

STOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 119458 MLC
14-05-22

RELEASED
2010-04-27

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4088	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		SHOULDER HARNESS	NTS
DATE	10.03.16	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO24306

Purchase Order Date 5/23/2014

PO Print Date 5/23/2014

Page Number 1 of 2

Order From :

VU-AMS001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

AMSAFE INC.
1043 NORTH 47TH AVENUE
PHOENIX, AZ 85043
US

FOXY 05/23/2014

Contact Name

Buyer

Chantal Lavoie

Vendor Phone

602 850 2850

Customer POID

Customer Tax #

10127-2607

Ship To Contact

Terms

Net 30

Ship To Phone

Currency

USD

Ship Via:

FedEx PI collect

FOB

FCA - (Free Carrier)

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	3221-1-011-2396 AS PER DWG D4088 REV. A B119428 AMSAFE P/N: 3221-1-011-2396	Shoulder Harness	6/13/2014 Yes 6/13/2014		8.00 Each	\$308.84	\$2,470.72
						Line Total:	\$2,470.72
2	3221-1-021-2396 AS PER DWG D4088 REV. A B119458 AMSAFE P/N: 3221-1-021-2396	Shoulder Harness	6/13/2014 Yes 6/13/2014		4.00 Each	\$308.84	\$1,235.36
						Line Total:	\$1,235.36

Note:

5/23/2014

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
HAWKESBURY, ON K6A 1K7
Canada

SALES ORDER NO.
S281486

BOL NO.
000338335

DART AEROSPACE LTD.
1270 ABERDEEN ST
HAWKS BURY,, ON K6A 1K7
Canada

DATE PRINTED
06/19/14

PAGE NO.
1

CUSTOMER ORDER NO.
PO24306

Sales Order Remarks: 1517-9324-0
Remarks:

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx P1 10:30 AM

F.O.B.
ORIGIN

Ship to ID: 10006125

SHIPMENT REFERENCE 000338335

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	Cust. Item No.: D4088-041 3221-1-011-2396 REST SYS ASSY W/IR	DRAWING: 3221 REV: A CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S281486-1	2014-06-19	8 Expire Ref. 8.0	8	0
2	Cust. Item No.: D4088-043 3221-1-021-2396 REST SYS ASSY W/IR	DRAWING: 3221 REV: A CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S281486-2	2014-06-19	4 Expire Ref. 4.0	4	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications/Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X

Printed Name:

Jesse Ochoa
Jesse Ochoa

JUN 19 2014

Dated: / /

COUNTRY OF ORIGIN USA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S281486 - 2 - EA	
4. Organization Name and Address: AmSafe, Inc. 1043 North 47th Avenue Phoenix, Arizona 85043				5. Work order/Contract/Invoice Number: S281486 - 2 PAGES ATTACHED		
6. Item:		7. Description:		8. Part Number:	9. Quantity:	10. Serial Number:
1		REST SYS ASSY W/IR		3221-1-021-2396	4	N/A
11. Status/Work: NEW						
12. Remarks: Drawing: 3221 Rev: A TSO: TSO-C114 <div style="text-align: center; font-size: 1.2em; margin-top: 10px;"> DATE CODE: A0614 CUSTOMER PIN: D4088-043 </div>						
EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA602112NM		14b. Authorized Signature		14c. Authorized/Certificate No.
13d. Name (typed or printed) ELEANOR ARTEAGA		13e. Date (dd/mmm/yyyy): 19 JUN 2014		14d. Names (typed or printed)		14e. Date (dd/mmm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO24306**

Purchase Order Date 5/23/2014

PO Print Date 7/28/2014

Page Number 2 of 3

Order From :

AMSAFE INC.
1043 NORTH 47TH AVENUE
PHOENIX, AZ 85043
US

VU-AMS001

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 602 850 2850

Ship To Contact

Ship To Phone

Ship Via: FedEx PI collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

3	71401-45	PROCUREMENT QUALITY CLAUSES	6/13/2014	1.00	\$0.00	\$0.00
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No

6/19/2014

Procurement Quality Clauses

A004 faa-pma/tso

A005 right of entry

A007 first article inspection

A016 personnel qualification

A026 certification of material conformance

A040 notification of quality escape

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

Line Total:

\$0.00

6	119458	3221-1-011-2396 shoulder harness	8/8/2014	2.00	\$0.00	\$0.00
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Yes

8/8/2014

*****NOTE*****

To cover the cost of warranty repair.

NCR14-14-4058

Snag: Noise coming from reel when

RMA#2014-2653

As per Dwg. D4088 Rev.A

B119428

being pulled.

Note:

7/28/2014

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

SALES ORDER NO.
20142653

BOL NO.
000344909

DATE PRINTED
08/27/14

PAGE NO.
1

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
HAWKESBURY, ON K6A 1K7
Canada

DART AEROSPACE LTD.
1270 ABERDEEN ST
HAWKESBURY,, ON K6A 1K7
Canada

Ship to ID: 10006125

CUSTOMER ORDER NO.
24306

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx Intl Economy

F.O.B.
ORIGIN

SHIPMENT REFERENCE 000344909

Sales Order Remarks: 1517-9324-0

Remarks:

REINSPECT AND CERTIFY

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	Cust. Item No.: D4088-043 3221-1-021-2396 REST SYS ASSY W/IR	DRAWING: 3221 REV: A CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity 20142653-1 CRO 81611	2014-08-27 2.0	2 Expire Ref.	2	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):
FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certification/Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X

Joseph Marmol

Printed Name:

Joseph Marmol

Dated:

AUG 27 2014

COUNTRY OF ORIGIN USA

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 20142653-1-JM	
4. Organization Name and Address: AMSAFE, INC 1043 NORTH 47 TH AVE PHOENIX, AZ. 85043 PT1967NM					5. Work Order/Contract/Invoice Number: 20142653-1 0 PAGES ATTACHED	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	REST SYS ASSY	3221-1-021-2396	2	N/A	NEW	
12. Remarks: DRAWING: 3221 REV: A TSO: C114 CUSTOMER P/N: D4088-043 DATE CODE: A0614 EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service: <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: ODA602112NM		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): JACKELINE MELCHOR		13e. Date (dd/mm/yyyy): 27/AUG/2014		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>						